UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/582,185	05/08/2007	Kurt Seljeseth	U 016337-9	8913

140   7590   11/25/2008

LADAS & PARRY LLP
26 WEST 61ST STREET
NEW YORK, NY 10023

EXAMINER
ALI, FARHAD

ART UNIT	PAPER NUMBER
2446	

MAIL DATE	DELIVERY MODE
11/25/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _14 July 2008_.

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-8 and 10-15_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-8 and 10-15_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☒ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on _08 June 2006_ is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☒ All   b)☐ Some * c)☐ None of:

      1.☒ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____ .

DETAILED ACTION

Status of Claims:

Claims 1-8 and 10-15 are pending in this Office Action.

Claims 1-8 and 10-11 are amended.

Claims 12-15 are new.

Claim 9 is cancelled.

Claim Rejections - 35 USC § 112

1.　　The following is a quotation of the second paragraph of 35 U.S.C. 112:

> The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2.　　Claims 1 and 8 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The limitation "language that contains elements carrying a meaning about somebody or something more than the absolutely necessary minimum for communication" is not clear as to what the absolutely necessary minimum for communication includes.

Claim Objections

3.　　Claim 15 is objected to because of the following informalities: It appears the applicant intended for claim 15 to be dependent on claim 14 instead of claim 1, as claim 15 is directed towards a system and claim 1 is directed towards a method. For the

purposes of examination, the examiner will assume claim 15 is dependent upon claim

14. Appropriate correction is required.

Specification

4.   The following guidelines illustrate the preferred layout for the specification of a
utility application. These guidelines are suggested for the applicant's use.

Arrangement of the Specification

As provided in 37 CFR 1.77(b), the specification of a utility application should
include the following sections in order. Each of the lettered items should appear in
upper case, without underlining or bold type, as a section heading. If no text follows the
section heading, the phrase "Not Applicable" should follow the section heading:

(a) TITLE OF THE INVENTION.
(b) CROSS-REFERENCE TO RELATED APPLICATIONS.
(c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR
    DEVELOPMENT.
(d) THE NAMES OF THE PARTIES TO A JOINT RESEARCH AGREEMENT.
(e) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A
    COMPACT DISC.
(f) BACKGROUND OF THE INVENTION.
    (1) Field of the Invention.
    (2) Description of Related Art including information disclosed under 37
    CFR 1.97 and 1.98.
(g) BRIEF SUMMARY OF THE INVENTION.
(h) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S).
(i) DETAILED DESCRIPTION OF THE INVENTION.
(j) CLAIM OR CLAIMS (commencing on a separate sheet).
(k) ABSTRACT OF THE DISCLOSURE (commencing on a separate sheet).
(l) SEQUENCE LISTING (See MPEP § 2424 and 37 CFR 1.821-1.825. A
    "Sequence Listing" is required on paper if the application discloses a
    nucleotide or amino acid sequence as defined in 37 CFR 1.821(a) and if
    the required "Sequence Listing" is not submitted as an electronic
    document on compact disc).

5.   The disclosure is objected to because it contains an embedded hyperlink and/or

other form of browser-executable code. Applicant is required to delete the embedded

hyperlink and/or other form of browser-executable code. See MPEP § 608.01.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6.   Claims 1-8 and 10-15 are rejected under 35 U.S.C. 102(e) as being anticipated

by Schneider (US 2008/0016233).

<u>Claim 1</u>

A method for rapid <u>delivery</u> of <u>an intended</u> resource <u>having an address</u> in a data

network <u>to a user </u>**(Paragraph [0054] "In accordance with another aspect of the**

present invention, a DNS server includes a DNS query having a highest level

domain (HLD), a root zone having at least one root resource record, and the root

resource record adapted to resolve the DNS query when it is determined that the

HLD is a top level domain alias (TLDA)"), <u>comprising the steps of:</u>

providing, by the user, a resource query in a language that contains elements

carrying a meaning about somebody or something more than the absolutely necessary

minimum for communication in a first line user interface connected to the data network,

the resource query being chosen intentionally by the user based on the intended

resource **(Paragraph [0120] "For instance, a browser receives the keyword**

"example" and the domain name "example.keywordrouter.org" is generated by a

string manipulation operation such as that of an append function),

implementing, solely on a server side, at least one layer for dynamic

communication and handling **(Paragraph [0120] "This domain name can be**

generated on the client side (e.g., from a DLL, TCP/IP stack, configuration file, or

operating system registry) or on any server (e.g., ISP server, DNS server, proxy

server, etc."),

receiving, and processing the resource query using the at least one layer and

handling algorithms to locate the address of the intended resource, establishing, by said

at least one layer, a connection to the intended resource in the data network directly

between the user and the intended resource **(Paragraph [0120] "A resource record in**

the "keywordrouter.org" zone file can be used to access a network resource

specifically adapted to perform a string manipulation operation such as a

truncation operation to extract the keyword "example" and either automatically

perform or provide a user with the opportunity to perform any non-DNS type

request one of a navigation request, search request, directory request, discovery

request, and registration request depending upon configuration parameters").

Claim 2

The method of claim 1, <u>wherein the</u> resource query <u>is provided</u> in an address line in a browser for internet, within the framework of a protocol that leads the resource query to <u>a network context</u> operator by using a domain name belonging to the operator **(Paragraph [0115] "FIG. 3c is a flowchart illustrating the steps performed for extracting a keyword from a domain name in accordance with the present invention. When the domain name having the keyword is generated (step 315), a network resource corresponding to the domain name can be accessed in step 360. The keyword can then be extracted in step 365 by the network resource when accessed. For instance, environment variables from header field of a HTTP request can be parsed to extract the keyword")**.

Claim 3

The method of claim 1, <u>wherein the</u> resource query <u>is provided</u> in a user interface in which the user keys numbers for telecommunication **(Paragraph [0156] "For example, when a DNS query includes a DNS friendly identifier such as a numerical fictitious domain name (NFDN) (e.g., 216.555.1212) and a root domain alias (DNS Root plus wildcard) is accessed, the NFDN can be resolved by translating the NFDN into an IP address")**.

Claim 4

The method of claim 1, <u>wherein the</u> resource query <u>is provided</u> in an SMS
channel **(Paragraph [0188] "In one aspect of the present invention, name tracking
databases, name translation databases, or registries may be centrally maintained
and updated through redundant servers. The data structure of such information
may be stored as metadata (e.g., XML) or in any other format to allow integration
of such data with the data managed by other naming service providers. Through
Application Programming Interface (API), naming service providers can
communicate with such resolvers, registries, and/or databases. Furthermore,
access can be both platform and language independent. For instance, the TLDA
registry can be accessed through any gateway such as Mobile Access Gateway")**.

Claim 5

The method of claim 1, <u>wherein the resource</u> query <u>is provided</u> in a WAP channel
**(Paragraph [0188] "In one aspect of the present invention, name tracking
databases, name translation databases, or registries may be centrally maintained
and updated through redundant servers. The data structure of such information
may be stored as metadata (e.g., XML) or in any other format to allow integration
of such data with the data managed by other naming service providers. Through
Application Programming Interface (API), naming service providers can
communicate with such resolvers, registries, and/or databases. Furthermore,
access can be both platform and language independent. For instance, the TLDA
registry can be accessed through any gateway such as Mobile Access Gateway")**.

Claim 6

The method of claim 1, <u>further comprising transmitting</u> the address <u>of the</u> <u>intended resource</u> to the user's first line user interface which then uploads the <u>intended</u> resource directly, without further intervention from the user **(Paragraph [0120]** **"automatically perform or provide a user with the opportunity to perform any non-** **DNS type request one of a navigation request, search request, directory request,** **discovery request, and registration request depending upon configuration** **parameters")**.

Claim 7

The method of claim 1, <u>wherein</u> said at least one layer for dynamic communication and handling, after <u>locating</u> the address of the intended resource in the data network, makes a transfer to this address directly **(Paragraph [0120]** **"automatically perform or provide a user with the opportunity to perform any non-** **DNS type request one of a navigation request, search request, directory request,** **discovery request, and registration request depending upon configuration** **parameters")**.

Claim 8

A system for rapid <u>delivery</u> of <u>an intended</u> resource <u>having an address</u> in a data network <u>to a user</u> **(Paragraph [0054] "In accordance with another aspect of the**

present invention, a DNS server includes a DNS query having a highest level

domain (HLD), a root zone having at least one root resource record, and the root

resource record adapted to resolve the DNS query when it is determined that the

HLD is a top level domain alias (TLDA)"), said data network comprising,

network connections, network nodes and routing units, system elements in the

form of user terminals with ability to establish a first line user interface between a user

and the data network, and operators of network context with ability to respond to <u>a</u>

<u>resource query</u> queries from <u>the</u> user by returning <u>the intended resource</u> thereto

(Paragraph [0098] "FIG. 1a illustrates an exemplary system for providing a

distributed computer system 100 in accordance with one aspect of the present

invention and may include client computers or any network access apparatus 110

connected to server computers 120 via a network 128. The distributed system 100

may include client computers or any network access apparatus 110 connected to

server computers 120 via a network 128. The network 128 may use Internet

communications protocols (IP) to allow clients 110 to communicate with servers

120"),

said system <u>comprising</u>

at least one layer for dynamic communication and handling of <u>a</u> resource <u>query</u>

<u>in a language that contains elements carrying a meaning about somebody or something</u>

<u>by more than the absolutely necessary minimum for communication</u> **(Paragraph [0120]**

"For instance, a browser receives the keyword "example" and the domain name

"example.keywordrouter.org" is generated by a string manipulation operation

such as that of an append function), said layer being implemented <u>solely on a server</u>

<u>side</u> at <u>one of the</u> network context operator **(Paragraph [0120] "This domain name**

can be generated on the client side (e.g., from a DLL, TCP/IP stack, configuration

file, or operating system registry) or on any server (e.g., ISP server, DNS server,

proxy server, etc."), <u>wherein</u> said layer is operative to <u>locate the intended resource</u> by

processing said query in accordance with query specific information as well as handling

algorithms, and to provide a connection in the data network directly between the user

and the intended resource, on the basis of said <u>resource query</u> **(Paragraph [0120] "A**

resource record in the "keywordrouter.org" zone file can be used to access a

network resource specifically adapted to perform a string manipulation operation

such as a truncation operation to extract the keyword "example" and either

automatically perform or provide a user with the opportunity to perform any non-

DNS type request one of a navigation request, search request, directory request,

discovery request, and registration request depending upon configuration

parameters").

<p style="text-align: center;">**<u>Claim 9</u>**</p>

<p style="text-align: center;">*(cancelled)*</p>

<p style="text-align: center;">**<u>Claim 10</u>**</p>

The system of claim 8, <u>wherein</u> said at least one layer is operative to <u>relate the</u>

<u>intended resource of the</u> user to resources at the operator in question **(Paragraph**

[0120] "A resource record in the "keywordrouter.org" zone file can be used to

access a network resource specifically adapted to perform a string manipulation

operation such as a truncation operation to extract the keyword "example" and

either automatically perform or provide a user with the opportunity to perform

any non-DNS type request one of a navigation request, search request, directory

request, discovery request, and registration request depending upon

configuration parameters").

Claim 11

The system of claim 8, <u>wherein said</u> at least one layer is operative to relate user

intentions to resources at other operators **(Paragraph [0120] "A resource record in**

the "keywordrouter.org" zone file can be used to access a network resource

specifically adapted to perform a string manipulation operation such as a

truncation operation to extract the keyword "example" and either automatically

perform or provide a user with the opportunity to perform any non-DNS type

request one of a navigation request, search request, directory request, discovery

request, and registration request depending upon configuration parameters").

Claim 12

A method according to claim 1, wherein the resource query comprises a

preposition **(See Figure 1c #175 "identifier generator" and Paragraph [0138] "The**

template can be used to generate an accessible URI for redirecting the client (e.g.,

web browser) to a request portal 195 to process any number of requests

including one of a navigation request, registration request, WHOIS request, back-

order request, prefix request, suffix request, command request, resolution

request, redirection request, search request, identifier registration request,

commerce request, subscription request, dialing request, messaging request,

conferencing request, vendor request, service request, login request, status

request, authorization request, and reference request. In addition, as part of the

redirection process, the extracted keyword or first domain name, can be used to

generate (step 710/740) one or more keywords and/or one or more domain names

for the purposes of providing added value to the user with respect to navigation,

searching, registration, or to pass such generated variables/parameters to the

request portal 195").

Claim 13

A method according to claim 12, wherein the resource query further comprises a

name of the provider **(See Figure 1c #175 "identifier generator" and Paragraph**

[0138] "The template can be used to generate an accessible URI for redirecting

the client (e.g., web browser) to a request portal 195 to process any number of

requests including one of a navigation request, registration request, WHOIS

request, back-order request, prefix request, suffix request, command request,

resolution request, redirection request, search request, identifier registration

request, commerce request, subscription request, dialing request, messaging

request, conferencing request, vendor request, service request, login request,

status request, authorization request, and reference request. In addition, as part

of the redirection process, the extracted keyword or first domain name, can be

used to generate (step 710/740) one or more keywords and/or one or more

domain names for the purposes of providing added value to the user with respect

to navigation, searching, registration, or to pass such generated

variables/parameters to the request portal 195").

Claim 14

A system according to claim 8, wherein the resource query comprises a

preposition **(See Figure 1c #175 "identifier generator" and Paragraph [0138] "The**

template can be used to generate an accessible URI for redirecting the client (e.g.,

web browser) to a request portal 195 to process any number of requests

including one of a navigation request, registration request, WHOIS request, back-

order request, prefix request, suffix request, command request, resolution

request, redirection request, search request, identifier registration request,

commerce request, subscription request, dialing request, messaging request,

conferencing request, vendor request, service request, login request, status

request, authorization request, and reference request. In addition, as part of the

redirection process, the extracted keyword or first domain name, can be used to

generate (step 710/740) one or more keywords and/or one or more domain names

for the purposes of providing added value to the user with respect to navigation,

searching, registration, or to pass such generated variables/parameters to the

request portal 195").

Claim 15

A system according to claim 1, wherein the resource query comprises a name of

the provider **(See Figure 1c #175 "identifier generator" and Paragraph [0138] "The**

template can be used to generate an accessible URI for redirecting the client (e.g.,

web browser) to a request portal 195 to process any number of requests

including one of a navigation request, registration request, WHOIS request, back-

order request, prefix request, suffix request, command request, resolution

request, redirection request, search request, identifier registration request,

commerce request, subscription request, dialing request, messaging request,

conferencing request, vendor request, service request, login request, status

request, authorization request, and reference request. In addition, as part of the

redirection process, the extracted keyword or first domain name, can be used to

generate (step 710/740) one or more keywords and/or one or more domain names

for the purposes of providing added value to the user with respect to navigation,

searching, registration, or to pass such generated variables/parameters to the

request portal 195").

Response to Arguments

7.   Applicant's arguments with respect to claims 1 and 8 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

8.   Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to FARHAD ALI whose telephone number is (571)270-1920. The examiner can normally be reached on Monday thru Friday, 7:30am to 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Jeffrey C. Pwu can be reached on (571) 272-6798. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Farhad Ali/
Examiner, Art Unit 2446

/Jeffrey Pwu/
Supervisory Patent Examiner, Art Unit 2446